

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Previously presented) A method of initiating a multimedia session via a terminal, comprising:

receiving a multimedia session request from a network entity via an application of the terminal;

forming a session descriptor request by the application to determine multimedia capabilities of the terminal in response to the multimedia session request;

communicating the session descriptor request from the application to a session descriptor module of the terminal, wherein the session descriptor module operates on the terminal independently of the application;

forming a session descriptor based on multimedia session parameters of the terminal;

communicating the session descriptor from the session descriptor module to the application in response to the session descriptor request; and

communicating the session descriptor from the application to the network entity to establish the multimedia session between the terminal and the network entity

2. (Original) The method according to Claim 1, wherein the session descriptor comprises a Session Description Protocol (SDP) descriptor.

3. (Previously presented) The method according to Claim 1, wherein the set of multimedia session parameters includes a Quality of Service (QoS) parameter, and wherein forming the session descriptor further comprises receiving the Quality of Service (QoS) parameter from a QoS module of the terminal.

4. (Previously presented) The method according to Claim 1, wherein the set of multimedia session parameters includes a session security parameter, and wherein forming the session descriptor further comprises receiving the session security parameter from a security module of the terminal.

5. (Previously presented) The method according to Claim 1, wherein the set of multimedia session parameters includes a media codecs parameter, and wherein forming the session descriptor further comprises receiving the media codecs parameter from a codecs module of the terminal.

6. (Previously presented) The method according to Claim 1, wherein the set of multimedia session parameters includes a device description parameter, and wherein forming the session descriptor further comprises receiving the device description parameter from a device management module of the terminal.

7. (Original) The method according to Claim 1, further comprising authenticating an originator of the request using an identity parameter .

8. (Original) The method according to Claim 7, wherein the identity parameter comprises a Public Key Infrastructure (PKI) key.

9. (Previously presented) The method according to Claim 7, wherein authenticating the originator of the request comprises authenticating the originator of the request via a security module of the terminal.

10. (Original) The method according to Claim 1, wherein forming the session descriptor further comprises encrypting the session descriptor.

11. (Previously presented) The method according to Claim 1, further comprising:
detecting an update in a system parameter that affects the multimedia session;

forming a modified session descriptor based on the update; and
communicating the modified session descriptor from the session descriptor module to the application.

12. (Previously presented) A system, comprising:

one or more data processing arrangements coupled to a network and adapted to exchange multimedia data via the network;

a multimedia processing terminal coupled to the network and adapted to establish a multimedia session with the one or more data processing arrangements, the multimedia terminal comprising:

a memory for storing an application and a session descriptor module, the application and session description module operating independently of each other;
and

a processor coupled to the memory, the processor operable by the session descriptor module for providing to the application session descriptor data based on multimedia session parameters that describe multimedia capabilities of the multimedia terminal, the processor operable by the application for receiving the session descriptor data and establishing the multimedia session using the session descriptor data.

13. (Original) The messaging system according to Claim 12, wherein the session descriptor data comprises a Session Description Protocol (SDP) descriptor.

14. (Original) The messaging system according to Claim 12, wherein the memory is arranged to store a Quality of Service (QoS) module, and the processor is operable by the QoS module for providing a QoS parameter to the session descriptor module usable for forming the session descriptor data.

15. (Original) The messaging system according to Claim 12, wherein the memory is arranged to store a security module, and the processor is operable by the security module for providing an authentication to the session descriptor module usable for authenticating a permission of the application to receive the session descriptor data.

16. (Original) The messaging system according to Claim 12, wherein the memory is arranged to store a security module, and the processor is operable by the security module for encrypting the session descriptor data provided by the session descriptor module.

17. (Previously presented) A terminal capable of being wirelessly coupled to a network, comprising:

- a transceiver configured to facilitate exchange of multimedia data via the network;

- a memory including a session descriptor module and an application, wherein the session descriptor module and the application are capable of communicating with each other within the terminal; and

- a processor coupled to the memory and operable by the application to establish a multimedia session via the network, the processor operable independently of the application by the session descriptor module to:

- receive a request for a multimedia session descriptor from the application to determine multimedia capabilities of the terminal;

- determine a set of multimedia parameters of the terminal;

- form the multimedia session descriptor based on the set of multimedia parameters of the terminal, the multimedia descriptor usable in establishing the multimedia session via the application; and

- communicate the multimedia session descriptor to the application to enable establishment of the multimedia session via the application.

18. (Previously presented) The terminal according to Claim 17, wherein the multimedia session descriptor include a Session Description Protocol (SDP) descriptor.

19. (Previously presented) The terminal according to Claim 17, wherein the memory is further capable of storing a Quality of Service (QoS) module, and the processor is operable by the QoS module for providing a QoS parameter to the session descriptor module usable for forming the session descriptor data.

20. (Previously presented) The terminal according to Claim 17, wherein the memory is further capable of storing a security module, and the processor is operable by the security module for providing an authentication to the session descriptor module usable for authenticating a permission of the application to receive the session descriptor data.

21. (Previously presented) The terminal according to Claim 17, wherein the memory is further capable of storing a security module, and the processor is operable by the security module for encrypting the session descriptor data provided by the session descriptor module.

22. (Currently amended) A ~~tangible~~ computer-readable storage medium having computer executable instructions stored thereon which are executable by a terminal for establishing a multimedia session via a network by performing steps comprising:

- receiving from an independently operating application of the terminal a request for a session description that describes multimedia capabilities of the terminal and is usable for establishing the multimedia session;

- determining a set of system parameters affecting the establishment of the multimedia session in response to the request;

- forming the session descriptor based on the system parameters;

- communicating the session descriptor to the application to enable establishment of the multimedia session via the application; and

- initiating the multimedia session via the application using the session descriptor.

23. (Original) The computer readable medium according to Claim 22, wherein the session descriptor comprises a Session Description Protocol (SDP) descriptor.

24. (Previously presented) The computer readable medium according to Claim 22, wherein determining the set of system parameters comprises receiving a Quality of Service (QoS) parameter from a QoS module of the terminal.

25. (Original) The computer readable medium according to Claim 22, further comprising authenticating an originator of the request using a Public Key Infrastructure (PKI) key.

26. (Previously presented) A method of joining a multimedia session via an application of a terminal, comprising:

- receiving via the application a session descriptor describing the multimedia session;
- communicating the session descriptor to a session descriptor module of the terminal that operates independently of the application;

- verifying via the session descriptor module the session descriptor based on a set of multimedia session parameters that describe multimedia capabilities of the terminal;

- establishing a network connection for joining the multimedia session based on the session descriptor in response to the verification via the session description module; and

- joining the multimedia session via the application using the network connection.

27. (Original) The method according to Claim 26, wherein the session descriptor comprises a Session Description Protocol (SDP) descriptor.

28. (Original) The method according to Claim 26, wherein the set of multimedia session parameters includes a Quality of Service (QoS) parameter, and wherein verifying the session descriptor further comprises receiving the Quality of Service (QoS) parameter from a QoS module of the computing arrangement.

29. (Original) The method according to Claim 26, wherein verifying the session descriptor comprises authenticating the originator of the session descriptor via a security module.

30. (Previously presented) A method of providing a multimedia session via an application of a terminal, comprising:

forming via the application a request for a multimedia configuration descriptor that describes multimedia capabilities of the terminal;

communicating the request to a session descriptor module of the terminal that operates independently of the application;

forming the multimedia configuration descriptor based on the multimedia capabilities of the terminal;

communicating the multimedia configuration descriptor from the session descriptor module to the application; and

establishing the multimedia session via the application using the multimedia configuration descriptor.

31. (Previously presented) The method according to Claim 30, wherein the multimedia configuration descriptor includes a session security descriptor, and wherein forming the multimedia configuration descriptor further comprises receiving the session security descriptor via a security module of the terminal.

32. (Previously presented) The method according to Claim 30, wherein the multimedia configuration descriptor includes a media codecs descriptor, and wherein forming the multimedia configuration descriptor further comprises receiving the media codecs descriptor from a codecs module of the terminal.